

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A tumor vaccine which comprises comprising:

(A) a microparticle prepared from a comprising a fragment of solidified tumor material tissues or cells, said fragment being of a size so as to allow phagocytosis of the fragment; selected from the group consisting of a tumor tissue, a tumor cell, and a component thereof, and

(B) at least one isolated cytokine, at least one isolated compound that is a and/or cytokine-inducing agent, or a combination thereof.

2. (canceled)

3. (previously presented) The tumor vaccine according to claim 1, which further comprises an adjuvant.

4. (currently amended) The tumor vaccine according to claim 1, which comprises a cytokine-controlled release preparation as the cytokine at least one isolated cytokine, at least one isolated compound that is a cytokine-inducing agent, or a combination thereof.

5. (currently amended) The tumor vaccine according to claim 1, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

6. (currently amended) A tumor vaccine for use in combination with at least one isolated cytokine, which comprises the vaccine comprising, as an active ingredient, a microparticle prepared from a comprising a fragment of solidified tumor material-tissues or cells, said fragment being of a size so as to allow phagocytosis of the fragment selected from the group consisting of a tumor tissue, a tumor cell, and a component thereof, or a lysate prepared from said tumor material.

7. (currently amended) The tumor vaccine according to ~~claim 2~~ claim 6, which further comprises an adjuvant.

8. (currently amended) The tumor vaccine according to ~~claim 2~~ claim 17, which comprises a cytokine-controlled release preparation as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

9. (currently amended) The tumor vaccine according to claim [3] 18, which comprises a cytokine-controlled release preparation as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

10. (currently amended) The tumor vaccine according to ~~claim 2~~ claim 17, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

11. (currently amended) The tumor vaccine according to claim [3] 18, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

12. (currently amended) The tumor vaccine according to claim 4, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

13. (currently amended) The tumor vaccine according to claim [7] 19, which comprises a cytokine-controlled release preparation as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

14. (currently amended) The tumor vaccine according to claim [7] 13, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

15. (currently amended) The tumor vaccine according to claim 8, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the at least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

16. (currently amended) The tumor vaccine according to claim 9, which comprises a granulocyte-macrophage-colony stimulating factor, and/or interleukin-2, or a combination thereof, as the cytokine at least one isolated cytokine, the least one isolated compound that is a cytokine-inducing agent, or the combination thereof.

17. (new) The tumor vaccine according to claim 1, wherein the fragment comprises ground solidified tumor tissues or cells.

18. (new) The tumor vaccine according to claim 1, wherein the fragment comprises tumor tissues or cells bound to a particle.

19. (new) The tumor vaccine according to claim 1, wherein the fragment comprises tumor antigen bound to a particle.